

PABST PATENT GROUP **RECEIVED
CENTRAL FAX CENTER****DEC 01 2005**Pabst Patent Group LLP
400 Colony Square, Suite 1200
1201 Peachtree Street
Atlanta, GA 30361Telephone (404) 879-2150
Telefax (404) 879-2160information@pabstpatent.com
www.pabstpatent.com**TELEFAX****Date:** December 1, 2005**Total pages:** 1229 w/ fax cover**To:** U.S. PTO**Telephone:****Telefax:** 571-273-8300**From:** Patrea L. Pabst**Telephone:** 404-879-2151**Telefax:** 404-879-2160**Our Docket No.** EDT 101 CON
Your Docket No.**Client/Matter No.** 095146/00003

Please call (404) 879-2150 if you did not receive all of the pages, or if they are illegible.

CONFIDENTIALITY NOTICE: This facsimile, along with any documents, files, or attachments, may contain information that is confidential, privileged, or otherwise exempt from disclosure. If you are not the intended recipient or a person responsible for delivering it to the intended recipient, you are hereby notified that any disclosure, copying, printing, distribution or use of any information contained in or attached to this facsimile is strictly prohibited. If you have received this facsimile in error, please immediately notify us by facsimile or by telephone collect at the numbers stated above, and destroy the original facsimile and its attachments without reading, printing, or saving in any manner. Your cooperation is appreciated. Thank you.

MESSAGE:**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****Applicants:** Steven Say-Kyoun Ow and Tae Jin Eom**Serial No.:** 09/121,152**Group Art Unit:** 1731**Filed:** October 19, 1998**Examiner:** Anna Kinney**For:** *BIOLOGICAL DE-INKING METHOD***Attachments:**

Transmittal Form;

Fee Transmittal Form;

Request for Corrected Filing Receipt;

Marked-Up Copy of Replacement Filing Receipt;

Supplemental Application Data Sheet;

Copy of Date-Stamped Postcard and Date-Stamped Express Mail Label;

Copy of original Filing Receipt; and

Copy of Notice to File Missing Parts of Application, Filing Date Granted.

45062468v1

EDT 101 CON
095146/00003

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0851-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

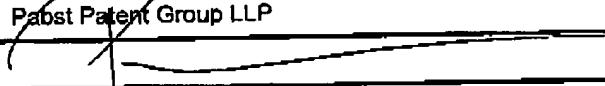
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/151,152
	Filing Date	October 19, 1998
	First Named Inventor	Steven Say-Kyoun Ow
	Art Unit	1731
	Examiner Name	Anna Kinney
Total Number of Pages in This Submission <u>2812</u>	Attorney Docket Number	EDT 101 CON

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DEC 1 2005

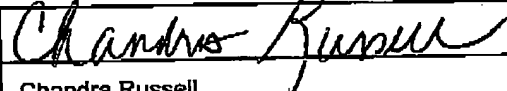
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for Corrected Filing Receipt; Copy of Marked-Up Replacement Filing Receipt; Supplemental Application Data Sheet; Copy of Date-Stamped Postcard; Copy of Express Mail Label No. EM519354958US; Copy of original Filing Receipt; and [SEE REMARKS FOR ADDITIONAL ENCLOSURE]
Remarks _____ Enclosures continued: Copy of Notice to File Missing Parts of Application, Filing Date Granted.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Pabst Patent Group LLP		
Signature			
Printed name	Patrea L. Pabst		
Date	December 1, 2005	Reg. No.	31,284

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Chandra Russell	Date	December 1, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

EDT 101 CON 095146/00003

PTO/SB/17 (12-04)

Approved for use through 07/31/2006, OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**
For FY 2005☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

Application Number	09/121,152
Filing Date	October 19, 1998
First Named Inventor	Steven Say-Kyoun Ow
Examiner Name	Anna Kinney
Art Unit	1731
Attorney Docket No.	EDT 101 CON

RECEIVED
CENTRAL FAX CENTER
DEC 01 2005**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):☒ Deposit Account Deposit Account Number: 50-3129 Deposit Account Name: Pabst Patent Group LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	0	x	=			
HP = highest number of total claims paid for, if greater than 20						
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)			
- 3 or HP =	0	x	=			
HP = highest number of independent claims paid for, if greater than 3						

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =		/ 50 =	(round up to a whole number) x	=

4. OTHER FEE(S)

Non-English Specification \$130 fee (no small entity discount)

Other:

SUBMITTED BY		Registration No.	Telephone
Signature		(Attorney/Agent) 31,284	(404) 879-2152
Name (Print/Type)	Patrea L. Pabst	Date	December 1, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

EDT 101 CON 095146/00003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**RECEIVED
CENTRAL FAX CENTER
DEC 01 2005**

Applicants: Steven Say-Kyoun Ow and Tae Jin Eom

Serial No.: 09/121,152

Group Art Unit: 1731

Filed: October 19, 1998

Examiner: Anna Kinney

For: *BIOLOGICAL DE-INKING METHOD*Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**REQUEST FOR CORRECTED FILING RECEIPT**

Sir:

Applicants respectfully request correction of the Replacement Filing Receipt mailed December 9, 2002, to correct the following errors.

The Official Filing Date of the above-identified application is July 22, 1998, not October 19, 1998, as shown on the Replacement Filing Receipt. The above-identified application was filed on July 22, 1998. Enclosed are the following:

- (1) a copy of the original date-stamped postcard;
- (2) a copy of date-stamped Express Mail Label No. EM515354958US;

U.S.S.N: 09/121,152
Filed: October 19, 1998
Request for Corrected Filing Receipt

(3) a copy of the original filing receipt of the application received from the U.S. Patent and Trademark Office;

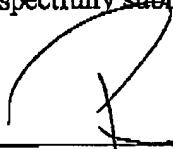
(4) a copy of the Notice to File Missing Parts of Application, **Filing Date Granted**, mailed August 14, 1998; and

(5) Response to Notice to File Missing Parts of Application, mailed October 14, 1998.

A copy of the Replacement Filing Receipt with this change noted thereon is enclosed, together with a Supplemental Application Data Sheet.

No fees are due in connection with this Request For Corrected Filing Receipt. However, should any fee be deemed due, the Commissioner is hereby authorized to charge such fee, or credit any overpayment in connection with this matter, to Deposit Account No. 50-3129.

Respectfully submitted,



Patrea L. Pabst
Reg. No. 31,284

Date: December 1, 2005

PABST PATENT GROUP LLP
400 Colony Square, Suite 1200
1201 Peachtree Street
Atlanta, Georgia 30361
(404) 879-2151 (Telephone)
(404) 879-2160 (Fax)

Commissioner for Patents
Washington, DC 20531
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/121,152	07/22/1998 10/10/1998	1731	942	20565-0111		21	3

Kevin W. King
Sutherland Asbill & Brennan
999 Peachtree ST
Atlanta, GA 30309

RECEIVED

DEC 16 2002

CONFIRMATION NO. 2999

REPLACEMENT FILING RECEIPT

OC00000009217285

Sutherland, Asbill & Brennan LLP

Date Mailed: 12/09/2002

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

STEVEN SAY-KYOUN OW, TAEJEON, KOREA, REPUBLIC OF;
TAE JIN EOM, SEOUL, KOREA, REPUBLIC OF;

Domestic Priority data as claimed by applicant

This application is a CON of 08/239,313 05/06/1994 PAT 5,785,809
and is a CIP of 07/518,935 05/04/1990 ABN

Foreign Applications

REPUBLIC OF KOREA 6514/1989 05/16/1989

If Required, Foreign Filing License Granted: 07/01/1999

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

Title

BIOLOGICAL DE-INKING METHOD

Preliminary Class

162

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SUPPLEMENTAL APPLICATION DATA SHEET**Inventor Information**

Inventor One Given Name:: Steven Say-Kyoun
Family Name:: Ow
Name Suffix::
Postal Address Line One:: 21-142, Samboo Apartment
Postal Address Line Two:: #407 Taepung-dong, Joong-ky
City:: Daejonjikhhal-shi
State or Province::
Country:: Korea
Postal or Zip Code::
City of Residence:: Daejonjikhhal-shi
State or Prov. of Residence::
Country of Residence:: Korea
Citizenship Country:: U.S.A.

Inventor Two Given Name:: Tae Jin
Family Name:: Eom
Name Suffix::
Postal Address Line One:: 3-608 Dongsan Apartment
Postal Address Line Two:: Galma-dong Seo-ku
City:: Daejonjikhhal-shi
State or Province::
Country:: Korea
Postal or Zip Code::
City of Residence:: Daejonjikhhal-shi
State or Prov. of Residence::
Country of Residence:: Korea
Citizenship Country:: Korea

Correspondence Information:

Correspondence Customer Number:: 23579
Telephone:: 404-879-2151
Fax:: 404-879-2160
Electronic Mail One:: Jeanette@pabstpatent.com
Electronic Mail Two:: Patrea@pabstpatent.com

Application Information:

Title Line One:: BIOLOGICAL DE-INKING METHOD
Title Line Two::
Title Line Three::
Total Drawing Sheets::
Formal Drawings?:: No
Application Type:: Utility

45062473v1

1

U.S.S.N. 09/121,152
Filed: October 19, 1998
Supplemental Application Data Sheet

Docket Number:: EDT 101 CON
Licensed US Govt. Agency::
Contract or Grant Numbers One::
Contract or Grant Numbers Two::
Secrecy Order in Parent Appl.?:: No

Assignee:: Korea Research Institute of Chemical Technology
State of Incorporation:: Republic of Korea

Representative Information

Representative Customer Number:: 23579

Continuity Information

This application is a:: Continuation of
>Application One:: 08/239,313
Filing Date:: May 6, 1994
Patent Number:: 5,785,809

This application is a:: Continuation in Part of
>Application Two:: 07/518,935
Filing Date:: May 4, 1990
Patent Number:: ABN

Prior Foreign Applications

Foreign Application One:: 6514/1989
Filing Date:: May 16, 1989
Country:: Republic of Korea
Priority Claimed:: Yes

The U.S. Patent & Trademark Office official Mailroom stamp affixed hereto,
acknowledges receipt of the items checked below:

Appl'n No. Not Yet Assigned
Applicant: TAE JIN EOM et al.

Filing Date: July 22, 1998

Title: BIOLOGICAL DE-INKING METHOD

Enclosures: Continuation patent application (18 pgs.), copy of Dec and POA
from parent application, transmittal sheet, Preliminary Amendment

Express Mail Label No. EM 515 354 958 US

Docket No.: 20565-0111
Date Mailed: July 22, 1998

Atty/Sec'y: WLW:alr

Jc135 U.S. PTO
09/121152
07/22/98

ONES & ASKER

PCDEC. 1. 2005 4:01PM PABST PATENT GROUP

TO ADDRESSEE

EM515354958US

NO. 6252 P. 11

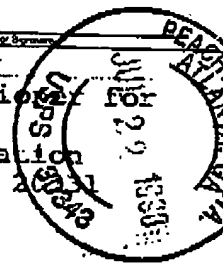


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<input type="checkbox"/> Merchandise	TIME 1627
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SEE REVERSE SIDE FOR THE SERVICE GUARANTEE AND LIMITS ON THE INSURANCE COVERAGE

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METHOD OF PAYMENT:		<input type="checkbox"/> WAIVER OF SIGNATURE (Domestic Only) - each delivery is made without obtaining the signature of the addressee or the addressee's agent. If at the request of the delivery employee, the article can be left in a secure location and I authorize the delivery employee to sign that the signature has been obtained and understand that the signature of the delivery employee will constitute valid proof of delivery.
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William L. Warren JUNIOR & ASSOC 191 PEACHTREE ST NE STE 3700 ATLANTA GA 30303-1769 20565-0111		Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20541



FOR PICKUP OR TRACKING CALL 1-800-222-1876

DEC. 1. 2005 4:01PM

PABST PATENT GROUP

NO. 6252 P. 12

PTO-103X
(Rev. 8-96)

FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/121,152	07/22/98	1731	\$0.00	20565-0111	0	21	3

WALTER R BROOKHART
BROWNING BUSHMAN ANDERSON & BROOKHART
5718 WESTHEIMER
SUITE 1800
HOUSTON TX 77057

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write in the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

STEVEN SAY-KYOUN OW, DAEJONJIKHAL-SHI,
REPUBLIC OF KOREA; TAE JIN EOM, DAEJONJIKHAL-SHI,
REPUBLIC OF KOREA.

CONTINUING DATA AS CLAIMED BY APPLICANT-

THIS APPLN IS A CON OF 08/239,313 05/06/94 PAT 5,785,809
AND A CIP OF 07/518,935 05/04/90 ABN

FOREIGN APPLICATIONS- REPUBLIC OF KOREA 6514/1989 05/16/89

TITLE
BIOLOGICAL DE-INKING METHOD

PRELIMINARY CLASS: 162

DATA SYSTEM

SP
DATE
UP DATE



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/121,152	07/22/98 OW		6 20565-0111

0232/0814

WALTER R BROOKHART
BROWNING BUSHMAN ANDERSON & BROOKHART
5718 WESTHEIMER
SUITE 1800
HOUSTON TX 77057

NOT ASSIGNED

1731

DATE MAILED:

08/14/98

NOTICE TO FILE MISSING PARTS OF APPLICATION Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of \$65.00 for a small entity in compliance with 37 CFR 1.27, or \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a ☐ small entity (statement filed) ☒ non-small entity is \$ 790.00.

☒ 1. The statutory basic filing fee is:

☐ missing.

☐ insufficient.

Applicant must submit \$ 790.00

such status (37 CFR 1.27).

☐ 2. Additional claim fees of \$ _____, including any multiple dependent claim fees, are required.

\$ _____ for _____ independent claims over 3.

\$ _____ for _____ dependent claims over 20.

\$ _____ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☐ 3. The oath or declaration:

☐ is missing or unexecuted.

☐ does not cover the newly submitted items.

☐ does not identify the application to which it applies.

☐ does not include the city and state or foreign country of applicant's residence.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☒ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

2nd Inventor (Joe Sin Edm)
An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application does not comply with the Sequence Rules.

See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice **MUST** be returned with the reply. **SB**

Customer Service Center
Initial Patent Examination Division (703) 308-1202

UPDATED

The U.S. Patent & Trademark Office official Mailroom stamp affixed hereto, acknowledges receipt of the items checked below:

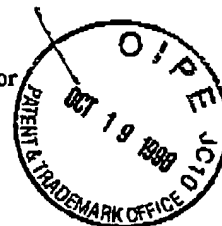
App'l'n No. 09/121,152 Filing Date: July 22, 1998
Applicant: TAE JIN EOM et al.
Title: BIOLOGICAL DE-INKING METHOD

Enclosures: Response to Notice to File Missing Parts, copy of Notice to File Missing Parts, check for \$920; Communication in Response to Notice to File Missing Parts, along with copies of the following documents filed in the parent case:

Declaration of inventors Ow and Eom
Assignment to Korea Institute of Chemical Technology
Grant of a POA by Korea Inst. of Chemical Tech. to Jones & Askew
Declaration of Facts in Support of Filing on Behalf of Omitted Inventor

Docket No.: 20565-0111
Date Mailed: October 14, 1998

Atty/Sec'y: WLW:alr



OCT 26 1998

JONES & ASKEW

IN THE U.S. PATENT AND TRADEMARK OFFICE

Docket No. 20565-0111

Inventors: TAE JIN EOM and STEVEN SAY-KYOUN OW

Serial No. 09/121,152

Filed: July 22, 1998

For: BIOLOGICAL DEINKING METHOD

RECEIVED
CENTRAL FAX CENTER

DEC 01 2005

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Transmitted herewith for filing are:

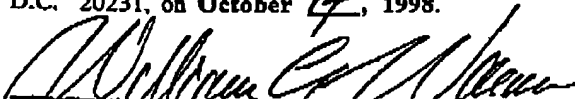
- ☒ Copy of Notice to File Missing Parts of Provisional Application — Filing Date Granted and check for \$920.00.
- ☒ Communication in Response to Notice to File Missing Parts

The filing fee has been calculated as shown below:


FOR;	NO. FILED	NO. EXTRA	SMALL ENTITY		OTHER THAN SMALL ENTITY	
			RATE	FEE	RATE	FEE
BASIC FEE				\$395		\$790
TOTAL CLAIMS	20 - 20 =	0	x11 =		x22 =	
INDEP. CLAIMS	3 - 3 =	0	x41 =		x82 =	
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+120 =		+240 =	
<input checked="" type="checkbox"/> LATE-FILING SURCHARGE			+65 =		+130 =	\$130
<input type="checkbox"/> FOREIGN LANGUAGE SURCHARGE			+130 =		+130 =	
			TOTAL		TOTAL	\$920

- ☒ The Commissioner is hereby authorized to charge any additional fees required under 37 CFR §1.16, or credit any overpayment to Account No. 10-1215. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, D.C. 20231, on October 14, 1998.


William L. Warren — Reg. No. 36,714

JONES & ASKEW, LLP
191 Peachtree Street, N.E., 37th Floor
Atlanta, Georgia 30303-1769
Telephone 404/818-3700

By: 
William L. Warren
Reg. No. 36,714



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

BILL WARREN

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/121,152	07/22/98	OW	S 20565-0111

0232/0814

WALTER R BROOKHART
BROWNING BUSHMAN ANDERSON & BROOKHART
5718 WESTHEIMER
SUITE 1800
HOUSTON TX 77057

NOT ASSIGNED

1731

DATE MAILED:

08/14/98

NOTICE TO FILE MISSING PARTS OF APPLICATION

Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of \$65.00 for a small entity in compliance with 37 CFR 1.27, or \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a

☐ small entity (statement filed) ☒ non-small entity is \$ 790.00

☒ 1. The statutory basic filing fee is:

☐ missing.

☐ insufficient.

Applicant must submit \$ 790.00

such status (37 CFR 1.27).

☐ 2. Additional claim fees of \$ _____, including any multiple dependent claim fees, are required.

\$ _____ for _____ independent claims over 3.

\$ _____ for _____ dependent claims over 20.

\$ _____ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☐ 3. The oath or declaration:

☐ is missing or unexecuted.

☐ does not cover the newly submitted items.

☐ does not identify the application to which it applies.

☐ does not include the city and state or foreign country of applicant's residence.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☒ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

2nd Inventor Joe Sin Edm
An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application does not comply with the Sequence Rules.

See attached "Notice to Comply with Sequence Rules 37 CFR 1.821-1.825."

☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice **MUST** be returned with the reply.

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

UPDATED

U.S. Patent & Trademark Office official Main stamp affixed hereto,
acknowledges receipt of the items checked below:

Appl'n No. 09/121,152 Filing Date: July 22, 1998
Applicant: TAE JIN EOM et al.
Title: BIOLOGICAL DE-INKING METHOD

Enclosures: Response to Notice to File Missing Parts, copy of Notice
to File Missing Parts, check for \$920; Communication in Response
to Notice to File Missing Parts, along with copies of the following
documents filed in the parent case:

Declaration of Inventors Ow and Eom
Assignment to Korea Institute of Chemical Technology
Grant of a POA by Korea Inst. of Chemical Tech. to Jones & Askew
Declaration of Facts in Support of Filing on Behalf of Omitted Inventor

Docket No.: 20565-0111
Date Mailed: October 14, 1998

Atty/Sec'y: WLW:alr

**DATABASE
UPDATED**

10 16-98
under

FILE COPY

ENZYMATIC DEINKING TECHNOLOGIES

(770) 923-5970
5305 OAKBROOK PARKWAY
NORCROSS, GA 30093-2250

NATIONSBANK OF GEORGIA, N.A.
64-5/610

3847

Account #:
Memo: *US continuation patent app serial # 09/121,152*

DATE	AMOUNT
Oct 2, 1998	*****\$920.00

PAY Nine Hundred Twenty and 0/100 Dollars

TO THE
ORDER
OF: Commissioner of Patents & TMs

Harold L. Egan
AUTHORIZED SIGNATURE

003847 1061000052 070 721 6745

Patents
20565-0111

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
TAE JIN EOM et al.
Serial No. 09/121,152
Filed: July 22, 1998
For: BIOLOGICAL DE-INKING
METHOD

COMMUNICATION IN RESPONSE TO NOTICE TO FILE MISSING PARTS

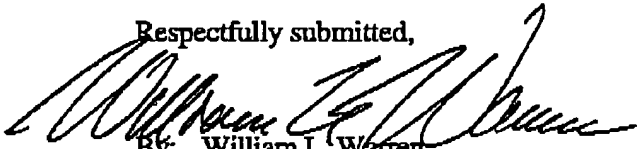
Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Responsive to the Notice to File Missing Parts mailed August 14, 1998, Applicants provide herewith the filing fee of \$920. With regard to the statement requiring the signature of Tae Jim Eom, Applicants note that this application is a continuation of U.S. Patent Application Serial No. 08/239,313, filed May 6, 1994, and that the Declaration of both inventors Ow and Eom is enclosed herewith, along with a copy of their Assignment to Korea Institute of Chemical Technology, and the subsequent grant of a Power of Attorney by that institution to the undersigned attorney. Furthermore, Applicants provide a copy of the Declaration of Facts in Support of Filing on Behalf of Omitted Inventor, originally filed in the parent application.

If any outstanding issues remain, the Examiner is invited and encouraged to contact the undersigned attorney for Applicants at (404) 818-3700.

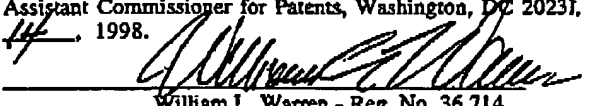
Respectfully submitted,


By: William L. Warren
Reg. No. 36,714

JONES & ASKEW, LLP
37th Floor, 191 Peachtree Street, N.E.
Atlanta, GA 30303-1769
(404) 818-3700

Attorney Docket No. 20565-0111

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231, on October 14, 1998.


William L. Warren - Reg. No. 36,714

Attorney's Docket No. DS

PATENT

COMBINED DECLARATION AND POWER OF ATTORNEY**(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,
CONTINUATION OR CIP)**

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type: (check one applicable item below)

- ☐ original ☒ substitute
☐ design
☐ supplemental

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application do not check next item; check appropriate one of last three items.

- ☐ national stage of PCT

NOTE: If one of the following 3 items apply then complete and also attach **ADDED PAGES FOR DIVISIONAL, CONTINUATION OR CIP**.

- ☐ divisional
☐ continuation
☒ continuation-in-part (CIP)

INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION**BIOLOGICAL DE-INKING METHOD****SPECIFICATION IDENTIFICATION**

the specification of which: (complete (a), (b) or (c))

- (a) ☐ is attached hereto.
(b) ☒ was filed on May 6, 1994 as (x) Serial No. 08/239,313 or (X) Express Mail No. _____, as Serial No. not yet known and was amended on _____ (if applicable).

NOTE: Amendments filed after the original papers are deposited with the PTO which contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 C.F.R. §1.67. (Declaration and Power of Attorney [1-1] - page 1 of 4)

- (c) () with described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on
_____ (if any).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations. §1.56(a).

- () In compliance with this duty there is attached an information disclosure statement. 37 CFR §1.97.

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d) () no such applications have been filed.
(e) (X) such applications have been filed as follows.

NOTE: Where item (e) is entered above and the International Application which designated the U.S. claimed priority check item (e), enter the details below and make the priority claim.

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
Korea	6514/1989	16 May 1989	YES

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

(Declaration and Power of Attorney ([1-1] - Page 2 of 4))

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Margaret E. Anderson, Reg. No. 26,828; Walter R. Brookhart, Reg. No. 29,518; C. James Bushman, Reg. No. 24,810; Loren G. Helmreich, Reg. No. 29,389; and William E. Johnson, Jr., Reg. No. 22,719;

() Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO

Walter R. Brookhart
Browning Bushman, Anderson & Brookhart
5718 Westheimer, Suite 1800
Houston, TX 77057

DIRECT TELEPHONE CALLS TO:
(Name and telephone number)

Walter R. Brookhart
(713) 266-5593

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of sole or first inventor: Steven Say-kyoun Ow

Inventor's signature: 

Date: July 23, 1995

Country of Citizenship: U.S.A.

Post office Address:

103-902 Clover Apartment
Doosan-Dong, Seo-Ku
Taejeon, Korea

Full name of second joint inventor, if any: Tae Jin, Eom

Inventor's signature: 

Date: Aug. 1, 1995

Country of Citizenship: Republic of Korea

Post office Address:

**CHECK PROPER BOX(ES) FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS DECLARATION**

- () Signature for third and subsequent joint inventors. Number of pages added ____.
- () Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added ____.
- () Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR §1.47. Number of pages added ____.

* * *

- (x) Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.

(x) Number of pages added 2.

* * *

- () Authorization of attorney(s) to accept and follow instructions from representative.

* * *

If no further pages form a part of this Declaration then end this Declaration with this page and check the following item.

- () This declaration ends with this page

(Declaration and Power of Attorney [1-1] - page 4 of 4)

U.S. Patent Docket No. P1013/DSY-4-1
MULTIPLE FORM**ASSIGNMENT**

WHEREAS, we, Tae Jin EOM, citizen of the Republic of Korea and residing in the city of Daejeonjikhall-shi, Republic of Korea, and Steven Say-kyoun OW, citizen of the United States of America and residing in the State of Georgia, United States of America, have made an invention which is described and claimed in United States Patent Application No. 08/239,313 filed on May 6, 1994 (the '313 application), which is a continuation-in-part of our earlier United States Patent Application No. 07/518,935 filed on May 4, 1990 (the '935 application), both of which are entitled BIOLOGICAL DE-INKING METHOD;

WHEREAS, Korea Research Institute of Chemical Technology, hereinafter referred to as "ASSIGNEE", having a principal place of business at #100, Jang-Jong, Usung-ku, Daejeonjikhall-shi, Republic of Korea, has acquired the entire right, title and interest in the invention and the '935 application and all divisions, continuations, continuations-in-part and substitutions thereof, by virtue of an assignment dated April 19, 1990, and recorded in the United States Patent and Trademark Office on May 4, 1990, at reel 5309, frames 647-648;

WHEREAS ASSIGNEE is desirous of acquiring the same with respect to the '313 application and the invention described and claimed therein;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by us, we have assigned, sold, transferred and set over and by these presents do assign, sell, transfer and set over unto said ASSIGNEE the entire right, title and interest in and to (a) said invention and world-wide rights therein, (b) the '313 application, including all divisions, continuations, continuations-in-part and substitutions thereof, and (c) all United States and foreign patents which shall issue on said inventions, including all reissues, renewals and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file applications for Letters Patent on said invention in any and all foreign countries, the same to be held and enjoyed by said ASSIGNEE, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by us, had this assignment and sale not been made.

We covenant and agree that we will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE to (a) obtain Letters Patent, both domestic and foreign, on said invention, (b) establish, maintain and secure title in said ASSIGNEE, its successors and assigns, to said invention, application and Letters Patent, including making such title of lawful public record, and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect to this assignment.

We hereby authorize and request the Commissioner of Patents of the United States to issue all Letters Patent based on said application and all said divisions, continuations, continuations-in-part, reissues, renewals and extension to said ASSIGNEE, its successors and assigns.

IN TESTIMONY WHEREOF, we have duly executed this assignment on the dates opposite our signatures below.

Date: Aug. 1, 1995Date: July 23, 1995

Tae Jin EOM

Steven Say-kyoun OW

-2-

Tae-Gu
Korea

§
§
§

BEFORE me, the undersigned authority, on this day personally appeared Tae Jin EOM, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 1st day of Aug., A.D. 1995.



SEAL

Kim, Ho-yong
Notary Public in and for

Gwinnett County
Georgia, USA

§
§
§

BEFORE me, the undersigned authority, on this day personally appeared Steven Say-kyoung OW, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 25th day of July, A.D. 1995.

SEAL

Beverly Holmann
Notary Public in and for

Gwinnett County, GA.
Notary Public, Gwinnett County, Georgia
My Commission Expires May 7, 1999

COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,
CONTINUATION OR CIP)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type: (check one applicable item below)

- ☐ original
☐ design
☐ supplemental

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application do not check next item; check appropriate one of last three items.

- ☐ national stage of PCT

NOTE: If one of the following 3 items apply then complete and also attach **ADDED PAGES FOR DIVISIONAL, CONTINUATION OR CIP.**

- ☐ divisional
☐ continuation
☒ continuation-in-part (CIP)

INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

BIOLOGICAL DE-INKING METHOD

SPECIFICATION IDENTIFICATION

the specification of which: (complete (a), (b) or (c))

- (a) ☐ is attached hereto.
(b) ☒ was filed on May 6, 1994 as (x) Serial No. 08/239,313 or () Express Mail No. _____, as Serial No. not yet known and was amended on _____ (if applicable).

NOTE: Amendments filed after the original papers are deposited with the PTO which contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statements of invention or claims. See 37 C.F.R.

as described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____
(if any).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

- () In compliance with this duty there is attached an information disclosure statement. 37 CFR §1.97.

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

- (d) () no such applications have been filed.
(e) (x) such applications have been filed as follows.

NOTE: Where item (e) is entered above and the International Application which designated the U.S. claimed priority check item (e), enter the details below and make the priority claim.

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
KOREA	6514/1989	16 MAY 1989	YES

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Margaret E. Anderson, Reg. No. 26,828; Walter R. Brookhart, Reg. No. 29,518; C. James Bushman, Reg. No. 24,810; Loren G. Helmreich, Reg. No. 29,389; William E. Johnson, Jr., Reg. No. 22,719; and Kenneth L. Nash, Reg. No. 34,399

() Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO

Mr. Walter R. Brookhart
Browning Bushman, Anderson & Brookhart
5718 Westheimer, Suite 1800
Houston, TX 77057

DIRECT TELEPHONE CALLS TO:
(Name and telephone number)

Mr. Walter R. Brookhart
(713) 266-5593

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of sole or first joint inventor, if any:

Inventor's signature: Steven Say-kvoun OW

Date: June 14, 1994 Country of Citizenship: U.S.A.

Residence: Daejeonikhal-shi, Korea

Post office Address: 21-142, Samboo Apartment, #407 Taepung-dong
Joong-ky, Daejeonikhal-shi, Korea

Full name of second inventor: Tae Jin, Eom

Inventor's signature: omitted inventor - completed on added page

Date: _____ Country of Citizenship: Korea Residence: Daejeonikhal-shi, Korea

Post office Address: 3-608 Dongsan Apartment Galma-dong Seo-ku,
Daejeonikhal-shi, Korea

(Declaration as  of Attorney [1-1] - page 3 of 4)

**CHECK PROPER BOX(ES) FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS DECLARATION**

- () Signature for third and subsequent joint inventors. Number of pages added ____.
- () Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added ____.
- (x) Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR §1.47. Number of pages added 1.

* * *

- (x) Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.

(x) Number of pages added 2

* * *

- () Authorization of attorney(s) to accept and follow instructions from representative.

* * *

If no further pages form a part of this Declaration then end this Declaration with this page and check the following item.

- () This declaration ends with this page

ADDED PAGE TO COMBINED DECLARATION AND POWER OF
ATTORNEY FOR SIGNATURE BY ONE JOINT INVENTOR ON BEHALF OF
OMITTED INVENTOR(S) WHO REFUSES TO SIGN OR CANNOT BE
REACHED (37 CFR 1.47(a))

Note: Any available joint inventor can sign the declaration on behalf of one or more joint inventors who refuse to sign or cannot be reached. Use separate added page for each omitted inventor.

I. I am an above named joint inventor and have signed this declaration on my own behalf and also sign this declaration under 37 CFR 1.47(a) on behalf of the omitted joint inventor, particulars for whom are:

Full name of (first, second, etc.) Tae Jin, Eom
omitted inventor who

 refuses to sign

 X cannot be found or reached

NOTE: The name of the omitted inventor(s) should preferably also be filled in at the appropriate prior space in the declaration adding the words "omitted inventor - completed on added page."

Republic of Korea
Country of Citizenship of omitted inventor

5-211, Daejayeon Icha Apartment, Pa-dong, Suseong-ku, Taseu-shi, Republic of Korea
Last known address of omitted inventor

NOTE: Ordinarily, the last known address will be the last known residence of the omitted inventor(s). Other addresses at which the omitted inventor(s) may be reached should also be given. These can best be given in the Declaration Of Facts In Support Of Filing On Behalf Of Omitted Inventor. MPEP § 4.09.03(c).

II. Accompanying this declaration is:

- (1) A DECLARATION OF FACTS IN SUPPORT OF FILING ON BEHALF OF OMITTED INVENTOR
- (2) THE PETITION FEE OF \$130.00 (37 CFR 1.17(h))

Steven Say-Kyoun OW

(Type or print name of joint inventor signing on behalf of omitted inventor)

Date: June 14 1994

(Signature of joint inventor signing on behalf of omitted inventor)